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<input type="checkbox"/>	L78	L77 and java	0
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<input type="checkbox"/>	L76	L75 and (compar\$3 near5 threshold)	0
<input type="checkbox"/>	L75	L73 and pointer	1
<input type="checkbox"/>	L74	L73 and vector	0
<input type="checkbox"/>	L73	L72 and threshold	1
<input type="checkbox"/>	L72	(sweep near5 bit) and (mark near5 bit) and heap and garbage and collection and (mark\$sweep) and @py<=2004	2
<input type="checkbox"/>	L71	L70 and threshold	3
<input type="checkbox"/>	L70	L69 and heap and (mark near5 bit) and vector\$1	5
<input type="checkbox"/>	L69	'mark-sweep' and garbage and collection and concurrent and execut\$3 and @py<=2004	24
<input type="checkbox"/>	L68	L65 and L33	0
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<input type="checkbox"/>	L66	L65 and (mark near5 sweep)	0
<input type="checkbox"/>	L65	(garbage near5 collection) and (memory near5 heap) and (heap near5 threshold) and (heap near5 block) and @py<=2004	6
<input type="checkbox"/>	L64	L33 and (mark near5 bit) and (vector near5 pointer\$1)	3
<input type="checkbox"/>	L63	(mark near5 sweep) and (concurrent\$2 near5 execut\$3) and (mark near5 bit) and (vector near5 pointer\$1) and threshold and @py<=2004	0
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<input type="checkbox"/>	L57	L52 and (space near5 threshold\$)	0
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<input type="checkbox"/>	L48	L47 and threshold	18
<input type="checkbox"/>	L47	L33 and (concurrently near5 execut\$3)	36
<input type="checkbox"/>	L46	L42 and (heap same threshold)	3
<input type="checkbox"/>	L45	L43 and (compar\$3 near5 threshold)	1
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<input type="checkbox"/>	L42	L33 and (heap near5 space)	54
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<input type="checkbox"/>	L40	L39 and invok\$3	3
<input type="checkbox"/>	L39	L38 and concurrent	4
<input type="checkbox"/>	L38	L37 and threshold\$3	4
<input type="checkbox"/>	L37	L36 and pointer\$1	11
<input type="checkbox"/>	L36	L35 and heap	11
<input type="checkbox"/>	L35	L34 and (data near5 structure)	12
<input type="checkbox"/>	L34	L33 and (bit near5 vector\$1)	14
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<input type="checkbox"/>	L23	L22 and object\$1	14
<input type="checkbox"/>	L22	(bit near5 vector\$1) and (mark near5 sweep) and @py<=2004	14
<input type="checkbox"/>	L21	(bit near5 vector\$1) and (mark near5 sweep) and (live near5 object\$1) and execut\$3 and concurrently and application\$1 and @py<=2004	0

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<input type="checkbox"/>	L4	L3 and concurrent\$2	8
<input type="checkbox"/>	L3	L2 and (garbage same algorithm\$1)	15
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- ☐ 2. **A novel processor architecture with exact tag-free pointers**  
Meyer, M.;  
[Micro, IEEE](#)  
Volume 24, Issue 3, May-Jun 2004 Page(s):46 - 55  
Digital Object Identifier 10.1109/MM.2004.2  
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- ☐ 3. **Garbage collection of forwarding pointers in distributed HLR environmen**  
Yung-Chang Wong;  
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- ☐ 4. **Distributed persistent object system with uniform representation of point  
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Yamamoto, K.; Inohara, S.; Miyazawa, H.; Uehara, I.; Hara, M.; Masuda, T.;  
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- ☐ 5. **HeapGuard, eliminating garbage collection in real-time Ada systems**  
Harbaugh, S.; Wavering, B.;  
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20-24 May 1991 Page(s):704 - 708 vol.2  
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Van Hoff, A.;  
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- ☐ **7. A highly effective partition selection policy for object database garbage c**  
Cook, J.E.; Wolf, A.L.; Zorn, B.G.;  
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Volume 10, Issue 1, Jan.-Feb. 1998 Page(s):153 - 172  
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- ☐ **8. Improving 64-bit Java IPF performance by compressing heap references**  
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- ☐ **9. Cache performance in Java virtual machines: a study of constituent phas**  
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Srisa-An, W.; Chia-Tien Dan Lo; Chang, J.M.;  
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- ☐ 2. **Java virtual machine timing probes: a study of object life span and garba**  
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- ☐ 3. **Predicting scalability of parallel garbage collectors on shared memory m**  
Endo, T.; Taura, K.; Yonezawa, A.;  
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23-27 April 2001 Page(s):6 pp.  
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- ☐ 5. **Do generational schemes improve the garbage collection efficiency?**  
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- ☐ 1. **On the Prediction of Java Object Lifetimes**  
 Inoue, H.; Stefanovic, D.; Forrest, S.;  
[Computers, IEEE Transactions on](#)  
 Volume 55, Issue 7, July 2006 Page(s):880 - 892  
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- ☐ 2. **Distributed garbage collection by timeouts and backward inquiry**  
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- ☐ 3. **A performance analysis of the active memory system**  
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- ☐ 5. **Using scratchpad to exploit object locality in Java**  
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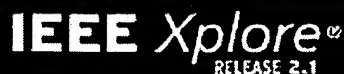
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- ☐ 2. **A concurrent programming environment for memory-mapped persistent**  
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Chunqiang Tang; Deqing Chen; Dwarkadas, S.; Scott, M.L.;  
[Distributed Computing Systems, 2003. Proceedings. 23rd International Conference](#)  
19-22 May 2003 Page(s):560 - 569  
Digital Object Identifier 10.1109/ICDCS.2003.1203507  
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IEEE STD IEEE Standard

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- ☐ 1. **Language support for long-lived concurrent activities**  
 Papazoglou, M.P.; Delis, A.; Haghjoo, M.; Bouguettaya, A.;  
[Distributed Computing Systems, 1996.. Proceedings of the 16th International C](#)  
 27-30 May 1996 Page(s):698 - 705  
 Digital Object Identifier 10.1109/ICDCS.1996.508022  
[AbstractPlus](#) | Full Text: [PDF](#)(824 KB) IEEE CNF  
[Rights and Permissions](#)
- ☐ 2. **From serializable to causal transactions for collaborative applications**  
 Raynal, M.; Thia-Kime, G.; Ahamad, M.;  
[EUROMICRO 97. 'New Frontiers of Information Technology'. Proceedings of t](#)  
[EUROMICRO Conference](#)  
 1-4 Sept. 1997 Page(s):314 - 321  
 Digital Object Identifier 10.1109/EURMIC.1997.617301  
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- ☐ 3. **Communicating transaction processes**  
 Roychoudhury, A.; Thiagarajan, P.S.;  
[Application of Concurrency to System Design, 2003. Proceedings. Third Intern](#)  
[Conference on](#)  
 18-20 June 2003 Page(s):157 - 166  
 Digital Object Identifier 10.1109/CSD.2003.1207710  
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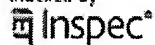
IEE CNF IEE Conference Proceeding

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- ☐ 1. **A performance analysis of the active memory system**  
 Witawas Srisa-An; Srisa-an; Chia-Tien Dan Lo; J Morris Chang;  
Computer Design, 2001. ICCD 2001. Proceedings. 2001 International Confere  
 23-26 Sept. 2001 Page(s):493 - 496  
 Digital Object Identifier 10.1109/ICCD.2001.955073  
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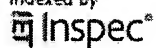
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**11 GARBAGE TREATMENT MACHINE**

Inventor: FUKUNAGA TAKESHI; MORIIZUMI MASAKI; Applicant: SANYO ELECTRIC CO  
(+4)

EC: IPC: **B09B3/00; F26B9/06; F26B25/12** (+6)

Publication info: **JP2005238237** - 2005-09-08

**12 GARBAGE COLLECTION FOR SMART CARDS**

Inventor: TREGER JOERN (DE); PINZINGER ROBERT Applicant: GIESECKE & DEVRIENT GMBH (DE); TREGER  
(DE) JOERN (DE); (+1)

EC: IPC: **G06F12/02; G06F12/02; (IPC1-7): G06F12/02**

Publication info: **WO2005093580** - 2005-10-06

**13 ADAPTIVE GARBAGE COLLECTION METHOD AND DEVICE FOR IMPLEMENTING THIS METHOD**

Inventor: CHUNG SEUNG-BUM; ROMANOVSKI ALEXEI; Applicant: SAMSUNG ELECTRONICS CO LTD  
(+4)

EC: **G06F12/02D2G4G** IPC: **G06F9/44; G06F12/00; G06F12/02** (+5)

Publication info: **JP2005216298** - 2005-08-11

**14 Accelerated reference finding for an automatic garbage collection**

Inventor: KRAMPOSTHUBER GEORG (DE) Applicant: GIESECKE & DEVRIENT GMBH (DE)

EC: **G06F12/02D2G** IPC: **G06F9/44; G06F12/02; G06F12/08** (+4)

Publication info: **EP1530131** - 2005-05-11

**15 Method and system for multiprocessor garbage collection**

Inventor: DUSSUD PATRICK H (US) Applicant: MICROSOFT CORP (US)

EC: **G06F12/02D2G4** IPC: **G06F12/02; G06F12/02; (IPC1-7): G06F12/00**

Publication info: **US2005033781** - 2005-02-10

**16 Benchmarking Garbage Collection in Java Virtual Machines**

Inventor: LEE WOO-HYONG (KR) Applicant: SAMSUNG ELECTRONICS CO LTD (KR)

EC: IPC: **G06F9/44; G06F9/45; G06F11/34** (+11)

Publication info: **GB2405506** - 2005-03-02

**17 APPARATUS AND METHOD FOR GARBAGE COLLECTION**

Inventor: JUNG IM-YOUNG (KR); JUN SUNG-IK (KR); Applicant: KOREA ELECTRONICS TELECOMM (KR);  
(+1) JUNG IM-YOUNG (KR); (+2)

EC: IPC: **G06F12/02; G06F12/02; (IPC1-7): G06F12/02**

Publication info: **WO2005045683** - 2005-05-19

**18 ELECTRONIC SYSTEM AND GARBAGE COLLECTION METHOD**

Inventor: CHAUVEL GERARD; LASSERRE SERGE; (+8) Applicant: TEXAS INSTRUMENTS INC

EC: **G06F12/02D2G4** IPC: **G06F12/02; G06F12/02; (IPC1-7): G06F12/00**

Publication info: **JP2005011349** - 2005-01-13

**19 Efficient write-watch mechanism useful for garbage collection in a computer system**

Inventor: WANG LANDY (US) Applicant: MICROSOFT CORP (US)

EC: **G06F12/02D2G4; G06F12/10** IPC: **G06F12/02; G06F12/10; G06F12/02** (+2)

Publication info: **US2004199742** - 2004-10-07

**20 System and method for performing garbage collection on a large heap**

Inventor: DUSSUD PATRICK H (US) Applicant: MICROSOFT CORP

EC: IPC: **G06F12/00; G06F12/00; (IPC1-7): G06F12/00**

Publication info: **US2005235120** - 2005-10-20



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**21 A method for inspecting garbage files in cluster file system**

Inventor: SONG DONGMEI (CN); SHI XIAODONG (CN); Applicant: LENOVO BEIJING CO LTD (CN)  
 (+6)

EC: IPC: **G06F17/30; G06F17/30; (IPC1-7): G06F17/30**

Publication info: **CN1670726** - 2005-09-21

**22 DEODORIZING DEVICE OF GARBAGE TREATMENT MACHINE AND DEODORIZING METHOD USING IT**

Inventor: HAYASHI YUJI; MATSUMOTO TAKESHI; (+3) Applicant: I M PACT WORLD KK; NIIT CO E; (+1)

EC: IPC: **B01D53/38; B01D53/81; B01J19/08** (+17)

Publication info: **JP2005211764** - 2005-08-11

**23 Method for enabling comprehensive profiling of garbage-collected memory systems**

Inventor: LIANG SHENG (US); GRARUP STEFFEN (US) Applicant: SUN MICROSYSTEMS INC (US)

EC: **G06F11/34T; G06F12/02D2G** IPC: **G06F11/34; G06F12/02; G06F11/34** (+2)

Publication info: **US2004158589** - 2004-08-12

**24 Method and apparatus for scheduling and performing garbage collection in a real-time system with guaranteed space bounds**

Inventor: BACON DAVID F (US); CHENG PERRY (US); Applicant: IBM  
 (+1)

EC: IPC: **G06F12/00; G06F12/00; (IPC1-7): G06F12/00**

Publication info: **US2005149585** - 2005-07-07

**25 CONTROL DEVICE FOR GARBAGE TREATMENT MACHINE**

Inventor: SAITOU YOSHITAKA; UWABE SHIGERU Applicant: HITACHI HOME TEC LTD

EC: IPC: **B09B3/00; F26B9/06; F26B21/10** (+6)

Publication info: **JP2005177561** - 2005-07-07

**26 GARBAGE TREATMENT APPARATUS**

Inventor: NAKAI SATOSHI; YONEDA ISAO; (+1) Applicant: SANYO ELECTRIC CO

EC: IPC: **B02C21/00; B02C25/00; B09B3/00** (+18)

Publication info: **JP2005103414** - 2005-04-21

**27 Conditional garbage based on monitoring to improve real time performance**

Inventor: CHAUVEL GERARD (FR) Applicant: TEXAS INSTRUMENTS INC (US)

EC: IPC: **G06F12/00; G06F12/00; (IPC1-7): G06F12/00**

Publication info: **US2004024798** - 2004-02-05

**28 Conditional garbage collection based on monitoring to improve real time performance**

Inventor: CHAUVEL GERARD (FR) Applicant: TEXAS INSTRUMENTS INC (US); TEXAS INSTRUMENTS FRANCE (FR)

EC: **G06F9/30R2; G06F9/318T; (+1)** IPC: **G06F9/30; G06F9/318; G06F9/32** (+4)

Publication info: **EP1387273** - 2004-02-04

**29 Depth counter used to reduce number of items to consider for loop detection in a reference-counting garbage collector**

Inventor: LEWIS RUSSELL L (US) Applicant: IBM (US)

EC: IPC: **G06F17/30; G06F17/30; (IPC1-7): G06F17/30**

Publication info: **US2005015417** - 2005-01-20

**30 Garbage collection**

**Inventor:** HAYWARD ANDREW (GB)

**Applicant:**

**EC:** G06F12/02D2G

**IPC:** **G06F12/02; G06F12/02;** (IPC1-7): G06F17/30

**Publication Info:** **US2003187888** - 2003-10-02

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**31 Non-zero null reference to speed up write barrier checking for garbage collection**

Inventor: THOMAS STEPHEN (GB)

Applicant:

EC: G06F12/02D2G4

IPC: **G06F12/02; G06F12/02; (IPC1-7): G06K9/00**

Publication info: **US2003169920** - 2003-09-11

**32 GARBAGE COLLECTION METHOD AND COMPILATION METHOD**

Inventor: CHIBA YUJI

Applicant: HITACHI LTD

EC:

IPC: **G06F9/45; G06F9/46; G06F12/00 (+6)**

Publication info: **JP2004287870** - 2004-10-14

**33 Conservative garbage collectors that can be used with general memory allocators**

Inventor: RODRIGUEZ-RIVERA GUSTAVO (US);  
SPERTUS MICHAEL P (US); (+1)

Applicant:

EC: G06F12/02D2G

IPC: **G06F12/02; G06F12/02; (IPC1-7): G06F12/00**

Publication info: **US2004139272** - 2004-07-15

**34 Optimization of memory usage based on garbage collection simulation**

Inventor: COHA JOSEPH A (US); KARKARE ASHISH  
(US); (+1)

Applicant: HEWLETT PACKARD CO (US)

EC: G06F11/34S

IPC: **G06F11/34; G06F11/34; (IPC1-7): G06F12/02 (+1)**

Publication info: **EP1349077** - 2003-10-01

**35 Execution of modified cheney scanning in a multithreaded processing environment**

Inventor: HUDSON RICHARD L (US); WANG HONG  
(US)

Applicant:

EC:

IPC: **G06F12/00; G06F12/02; G06F12/00 (+2)**

Publication info: **US2004122876** - 2004-06-24

**36 GARBAGE DISPOSER**

Inventor: OYA TERUMITSU

Applicant: YANMAR AGRICULT EQUIP

EC:

IPC: **B09B3/00; H04Q9/00; C05F9/02 (+6)**

Publication info: **JP2004195411** - 2004-07-15

**37 Measuring maximum memory requirement of an application at any point through continuous use of garbage collector**

Inventor: SAYAG MOSHE (IL)

Applicant:

EC: G06F11/34C; G06F11/34T; (+1)

IPC: **G06F11/34; G06F12/02; G06F11/34 (+2)**

Publication info: **US2003200409** - 2003-10-23

**38 Measuring the exact memory requirement of an application through intensive use of garbage collector**

Inventor: SAYAG MOSHE (IL)

Applicant:

EC: G06F11/34C; G06F12/02D2G

IPC: **G06F11/34; G06F12/02; G06F11/34 (+2)**

Publication info: **US2003200530** - 2003-10-23

**39 Combining external and intragenerational reference-processing in a garbage collector based on the train algorithm**

Inventor: GARTHWAITE ALEXANDER T (US)

Applicant:

EC:

IPC: (IPC1-7): G06F12/00

Publication info: **US2004111447** - 2004-06-10

**40 GARBAGE DISPOSAL MACHINE, METHOD AND APPARATUS FOR**

**TABULATING OPERATION TRACK RECORD VALUE OF THE  
GARBAGE DISPOSAL MACHINE**

**Inventor:** KITAGUCHI ATSUSHI; TAKISHITA  
YOSHIHIKO; (+2)

**Applicant:** HITACHI CONSTRUCTION MACHINERY

**EC:**

**IPC:** **B09B3/00**; **B09B3/00**; (IPC1-7): B09B3/00  
(+1)

**Publication info:** **JP2004167341** - 2004-06-17

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**mark** in the title AND **sweep** in the title or abstract  
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- 1 Method and system for improving the concurrency and parallelism of mark-sweep-compact garbage collection**  
 Inventor: SUBRAMONEY SREENIVAS (US); HUDSON RICHARD L (US)  
 EC: **IPC: G06F17/30; G06F17/30; (IPC1-7): G06F17/30**  
 Publication info: **US2005198088** - 2005-09-08
- 2 Bit vector toggling for concurrent mark-sweep garbage collection**  
 Inventor: SUBRAMONEY SREENIVAS (US); HUDSON RICHARD (US)  
 EC: G06F12/02D2G4 **IPC: G06F17/30; G06F17/30; (IPC1-7): G06F17/30**  
 Publication info: **US2005114413** - 2005-05-26
- 3 Compressed video image mosaic coding/decoding process/mechanism having sub image forming mosaic and coding element/element sub assembly identifying/resynchronisation mark stream placed prior sub image.**  
 Inventor: FRANCOIS EDOUARD; THOREAU DOMINIQUE; (+2)  
 EC: H04N7/26A4C2; H04N7/26M4C; (+3) **IPC: H04N7/26; H04N7/50; H04N7/58 (+4)**  
 Publication info: **FR2828055** - 2003-01-31
- 4 Adaptive scheduling of garbage collection in a mobile phone**  
 Inventor: PATEL MARK ARMIN (US)  
 EC: G06F12/02D2G **IPC: G06F12/02; G06F12/02; (IPC1-7): G06F12/02**  
 Publication info: **GB2359647** - 2001-08-29
- 5 Method and system for using a mark-list for garbage collection**  
 Inventor: DUSSUD PATRICK H (US)  
 EC: G06F12/02D2G **IPC: G06F12/02; G06F12/02; (IPC1-7): G06F12/00**  
 Publication info: **US6622226** - 2003-09-16
- 6 Computer system, program product and method of collecting interned data with a mark sweep collector**  
 Inventor: ENDICOTT JOHN CLARENCE (US); KOLODNER ELLIOT KARL (IL); (+2)  
 EC: G06F12/02D2G **IPC: G06F12/02; G06F12/02; (IPC1-7): G06F17/30**  
 Publication info: **US6098080** - 2000-08-01
- 7 Computer system, program product and method of managing weak references with a concurrent mark sweep collector**  
 Inventor: ENDICOTT JOHN CLARENCE (US); HICKS DANIEL RODMAN (US); (+2)  
 EC: G06F12/02D2G4 **IPC: G06F12/02; G06F12/02; (IPC1-7): G06F17/30**  
 Publication info: **US6047295** - 2000-04-04
- 8 ROAD SURFACE MARK APPLYING DEVICE**  
 Inventor: SASAYA KOJI; KURIYAMA MITSUO  
 EC: **IPC: E01C23/16; E01C23/00; (IPC1-7): E01C23/16**  
 Publication info: **JP8128012** - 1996-05-21
- 9 LASER-BASED TRACKING APPARATUS FOR DETECTION OF DISTANCE BETWEEN VEHICLE AND ROAD-SURFACE MARK**  
 Inventor: UIRIAMU DEI BAKARO  
 EC: **IPC: B60R21/00; G01S17/10; G01S17/93 (+5)**

Publication Info: **JP7287069** - 1995-10-31

**10 APPARATUS AND METHOD FOR JUDGING BAR CODE FOR OPTICAL  
TYPE MARK READER**

Inventor: JIYOOJI II KAASUNAA; JIYON BUI  
MAKUMIRIN

Applicant: NATL COMPUTER SYST INC

EC: G06K7/016; G06K7/10

IPC: **G06K7/016; G06K7/10; G06K7/01** (+2)

Publication info: **JP2244288** - 1990-09-28

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- |  |   |
|--|---|
| <b>11 READING APPARATUS FOR PUNCH MARK</b><br>Inventor: IKEDA HIDEO; OMURA SHUNJI; (+4)<br>EC:<br>Publication info: <b>JP1214701</b> - 1989-08-29  | Applicant: MITSUBISHI ELECTRIC CORP<br>IPC: <b>G01B7/34; G01N27/82; H04N1/04</b> (+6)                           |
| <b>12 IDENTIFYING APPARATUS FOR WAFER MARK CODE</b><br>Inventor: FUJIMOTO JIYOUJI<br>EC: H01L21/02<br>Publication info: <b>JP61247014</b> - 1986-11-04   | Applicant: MITSUBISHI ELECTRIC CORP<br>IPC: <b>H01L21/02; H01L21/02</b> ; (IPC1-7): G06K7/10                    |
| <b>13 LAY-MARK BEACON DEVICE</b><br>Inventor: ONOZAWA KAZUO<br>EC: G01S7/22<br>Publication info: <b>JP58014070</b> - 1983-01-26  | Applicant: OKI ELECTRIC IND CO LTD<br>IPC: <b>G01S7/22; G01S7/04</b> ; (IPC1-7): G01S13/80                      |
| <b>14 ALIGNMENT MARK DETECTOR FOR ELECTRON BEAM EXPOSURE</b><br>Inventor: MATSUDA KOREHITO; SHIMAZU NOBUO;<br>(+3)<br>EC: H01J37/304B<br>Publication info: <b>JP57122517</b> - 1982-07-30                                    | Applicant: NIPPON TELEGRAPH & TELEPHONE; HITACHI LTD<br>IPC: <b>H01J37/304; H01J37/30</b> ; (IPC1-7): H01L21/30 |
| <b>15 Method for measurement of displacement of moving body by use of target mark and apparatus therefor</b><br>Inventor: SHIMIZU KEN-ICHI; IKEYA CHUJI<br>EC: G01B11/00D<br>Publication info: <b>US4297725</b> - 1981-10-27 | Applicant: AGENCY IND SCIENCE TECHN<br>IPC: <b>G01B11/00; G01B11/00</b> ; (IPC1-7): H04N7/18                    |
| <b>16 Range mark generation</b><br>Inventor: KATAGI KAZUO<br>EC: G01S7/22; G01S13/95B; (+1)<br>Publication info: <b>US4128834</b> - 1978-12-05   | Applicant: RCA CORP<br>IPC: <b>G01S7/22; G01S13/95; G09B9/40</b> (+5)   |
| <b>17 Color mark detector with pulsed source and synchronous demodulation</b><br>Inventor: KEY PAUL FRANKLYN; LAZZARA ANTHONY<br>ROSS<br>EC: G06K7/10D; G06K7/12<br>Publication info: <b>US4047023</b> - 1977-09-06          | Applicant: SCIENTIFIC TECHNOLOGY<br>IPC: <b>G06K7/10; G06K7/12; G06K7/10</b> (+2)                               |
| <b>18 CLOCK AND SECTOR MARK GENERATOR FOR ROTATING STORAGE UNITS</b><br>Inventor:<br>EC: G11B20/16; H03L7/18<br>Publication info: <b>GB1427119</b> - 1976-03-10  | Applicant: BURROUGHS CORP<br>IPC: <b>G11B20/16; H03L7/18; G11B20/16</b> (+3)                                    |
| <b>19 Mark selection circuit</b><br>Inventor:<br>EC: G06K17/00K<br>Publication info: <b>GB988911</b> - 1965-04-14  | Applicant: UNITED AIRCRAFT CORP<br>IPC: <b>G06K17/00; G06K17/00</b>   |

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- 1 GARBAGE COLLECTION SYSTEM**  
 Inventor: IMANISHI YUKO (JP); DOI SHIGENORI (JP)      Applicant: MATSUSHITA ELECTRIC IND CO LTD (JP)  
 EC: G06F12/02D2G4      IPC: **G06F12/02; G06F12/02; (IPC1-7): G06F12/00 (+1)**  
 Publication info: **EP1659496** - 2006-05-24
- 2 System and method for performing garbage collection based on unmanaged memory allocations**  
 Inventor: DUSSUD PATRICK H (US); GEORGE CHRISTOPHER S (US); (+1)      Applicant: MICROSOFT CORP (US)  
 EC:      IPC: **G06F17/30; G06F17/30**  
 Publication info: **US2006085494** - 2006-04-20
- 3 Garbage collection for shared data entities**  
 Inventor: KUCK NORBERT (DE); SCHMIDT OLIVER (DE); (+2)      Applicant:  
 EC:      IPC: **G06F9/44; G06F9/44**  
 Publication info: **US2006059453** - 2006-03-16
- 4 GENERATIONAL GARBAGE COLLECTION METHOD AND GENERATIONAL GARBAGE COLLECTION PROGRAM**  
 Inventor: KUROMUSHIYA KENICHI      Applicant: APLIX CORP  
 EC:      IPC: **G06F12/00; G06F12/00**  
 Publication info: **JP2006039877** - 2006-02-09
- 5 GARBAGE DISPOSER**  
 Inventor: MATSUBARA YOSHIHIKO      Applicant: SHARP KK  
 EC:      IPC: **B09B3/00; B01F7/00; G06K17/00 (+5)**  
 Publication info: **JP2006035032** - 2006-02-09
- 6 CONTROL DEVICE OF AUTOMATIC CRANE FOR GARBAGE DISPOSAL PLANT**  
 Inventor: MURAKAMI SUSUMU; KUSANO TOMOYUKI      Applicant: HITACHI KIDEN KOGYO KK  
 EC:      IPC: **B65F5/00; B66C13/48; G01F23/28 (+3)**  
 Publication info: **JP2006027783** - 2006-02-02
- 7 CONTROL DEVICE OF AUTOMATIC CRANE FOR GARBAGE DISPOSAL PLANT**  
 Inventor: MURAKAMI SUSUMU; KUSANO TOMOYUKI; (+1)      Applicant: HITACHI KIDEN KOGYO KK  
 EC:      IPC: **B65F5/00; B66C13/48; G01F23/28 (+3)**  
 Publication info: **JP2006027779** - 2006-02-02
- 8 Assigning sections within a memory heap for efficient garbage collection of large objects**  
 Inventor: BLANDY GEOFFREY O (US)      Applicant: IBM (US)  
 EC:      IPC: **G06F12/00; G06F12/00; (IPC1-7): G06F12/00**  
 Publication info: **US2005273567** - 2005-12-08
- 9 System and method for regeneration of methods and garbage collection of unused methods**  
 Inventor: DAHLSTEDT JOAKIM (SE)      Applicant: BEA SYSTEMS INC (US)  
 EC: G06F12/02D2G      IPC: **G06F12/02; G06F12/02; (IPC1-7): G06F17/30**  
 Publication info: **US2005256913** - 2005-11-17
- 10 Process and system for real-time relocation of objects during garbage**

**collection**

**Inventor:** HEEB BEAT (CH)

**Applicant:**

**EC:** G06F9/445V; G06F9/45E3; (+2)

**IPC:** *G06F9/445; G06F9/45; G06F9/445* (+2)

**Publication Info:** **US2005198079** - 2005-09-08

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